## Amendments to the Claims

Please amend the Claims as follows:

## 1. (Currently Amended) A compound of Formula I:

$$R^7$$
 $R^8$ 
 $R^9$ 
 $R^1$ 
 $R^4$ 
 $R^2$ 
 $R^2$ 

Ι

where:

 $R^1$  is hydrogen, fluoro, or  $(C_1-C_3)$ alkyl;

R<sup>2</sup>, R<sup>3</sup>, and R<sup>4</sup> are each independently hydrogen, methyl, or ethyl;

R<sup>5</sup> is hydrogen, fluoro, methyl, or ethyl;

 $R^6$  is  $-C \equiv C - R^{10}$ ,  $-O - R^{12}$ ,  $-S - R^{14}$ , or  $-NR^{24}R^{25}$ ;

R<sup>7</sup> is hydrogen, halo, cyano, (C<sub>1</sub>-C<sub>6</sub>)alkyl optionally substituted with 1 to 6 fluoro substituents, (C<sub>2</sub>-C<sub>6</sub>)alkenyl optionally substituted with 1 to 6 fluoro substituents, (C<sub>3</sub>-C<sub>7</sub>)cycloalkyl,

 $(C_1-C_6)$ alkoxy optionally substituted with 1 to 6 fluoro substituents,  $(C_1-C_6)$ alkylthio optionally substituted with 1 to 6 fluoro substituents,  $Ph^1-(C_0-C_3)$ alkyl,  $Ph^1-(C_0-C_3)$ alkyl-O-, or

 $Ph^{1}$ -( $C_{0}$ - $C_{3}$ )alkyl-S-;

R<sup>8</sup> is hydrogen, halo, cyano, or –SCF<sub>3</sub>;

R<sup>9</sup> is hydrogen, halo, eyano, CF<sub>3</sub>, SCF<sub>3</sub>, or (C<sub>1</sub>-C<sub>3</sub>)alkoxy optionally substituted with 1 to 6 fluoro substituents;

 $R^{10}$  is  $-CF_3$ , ethyl substituted with 1 to 5 fluoro substitutents,  $(C_3-C_6)$  alkyl optionally substituted with 1 to 6 fluoro substituents,  $(C_3-C_7)$ cycloalkyl $(C_0-C_3)$ alkyl,  $Ar^1-(C_0-C_3)$ alkyl,

 $Ph^1\hbox{-}(C_0\hbox{-}C_3) alkyl, \ or \ 3\hbox{-}(C_1\hbox{-}C_4) alkyl\hbox{-} 2\hbox{-}oxo\hbox{-}imidazolidin\hbox{-} 1\hbox{-}yl\hbox{-}(C_1\hbox{-}C_3) alkyl;$ 

 $R^{12} \text{ is Ph}^2\text{-}(C_1\text{-}C_3) \text{alkyl, } Ar^2\text{-}(C_1\text{-}C_3) \text{alkyl, } (C_1\text{-}C_6) \text{alkyl-S-}(C_2\text{-}C_6) \text{alkyl, } (C_3\text{-}C_7) \text{cycloalkyl-S-}(C_2\text{-}C_6) \text{alkyl, } phenyl-S\text{-}(C_2\text{-}C_6) \text{alkyl, } phenylcarbonyl\text{-}(C_1\text{-}C_3) \text{alkyl, } Ph^2\text{-}S\text{-}(C_2\text{-}C_6) \text{alkyl, } phenylcarbonyl\text{-}(C_1\text{-}C_3) \text{alkyl, } Ph^2\text{-}S\text{-}(C_2\text{-}C_6) \text{alkyl, } (C_3\text{-}C_7) \text{cycloalkyl-OC(O)-}(C_3\text{-}C_6) \text{alkyl, } phenyloxycarbonyl\text{-}(C_3\text{-}C_6) \text{alkyl, } Ph^2\text{-}OC(O)\text{-}(C_3\text{-}C_6) \text{alkyl, } Ph^2\text{-}OC(O)\text{-}(C_3\text{-}C_6) \text{alkyl, } Ph^1\text{-}NH-S(O)\text{-}(C_2\text{-}C_4) \text{alkyl-NH-C(O)-}(C_2\text{-}C_4) \text{alkyl-NH-C(O)$ 

- R<sup>13</sup> is (C<sub>3</sub>-C<sub>7</sub>)cycloalkyl(C<sub>0</sub>-C<sub>3</sub>)alkyl, Ph<sup>1</sup>, Ar<sup>2</sup>, or (C<sub>1</sub>-C<sub>3</sub>)alkoxy optionally substituted with 1 to 6 fluoro substituents, Ph<sup>1</sup>-NH- or N-linked Het<sup>1</sup>;
- R<sup>14</sup> is Ar<sup>2</sup> which is not N-linked to the sulfur atom, Ph<sup>2</sup>, R<sup>15</sup>-L-, tetrahydrofuranyl, tetrahydropyranyl, or phenyl-methyl substituted on the methyl moiety with a substituent selected from the group consisting of (C<sub>1</sub>-C<sub>3</sub>)-*n*-alkyl substituted with hydroxy, (C<sub>1</sub>-C<sub>3</sub>)alkyl-O-(C<sub>1</sub>-C<sub>2</sub>)-*n*-alkyl, (C<sub>1</sub>-C<sub>3</sub>)alkyl-C(O)-(C<sub>0</sub>-C<sub>2</sub>)-*n*-alkyl, and (C<sub>1</sub>-C<sub>3</sub>)alkyl-O-C(O)-(C<sub>0</sub>-C<sub>2</sub>)-*n*-alkyl,
  - wherein when R<sup>14</sup> is Ph<sup>2</sup> or Ar<sup>2</sup>, wherein Ar<sup>2</sup> is pyridyl, then R<sup>14</sup> may also, optionally be substituted with phenyl-CH=CH- or phenyl-C≡C-,
    - said phenyl-CH=CH- or phenyl-C≡C- being optionally further substituted with 1 to 3 substituents independently selected from the group consisting of halo, cyano, -SCF<sub>3</sub>, (C<sub>1</sub>-C<sub>6</sub>)alkyl optionally further substituted with 1 to 6 fluoro substituents, and (C<sub>1</sub>-C<sub>6</sub>)alkoxy optionally further substituted with 1 to 6 fluoro substituents, and
  - wherein when Ar<sup>2</sup> is pyridyl, the pyridyl may alternatively, optionally be substituted with R<sup>28</sup>R<sup>29</sup>N-C(O)-, and optionally further substituted with one methyl, -CF<sub>3</sub>, cyano, or -SCF<sub>3</sub> substituent, or with 1 to 2 halo substituents, and
  - wherein the tetrahydrofuranyl and tetrahydropyranyl may optionally be substituted with an oxo substituent, or with one or two groups independently selected from methyl and -CF<sub>3</sub>;
- R<sup>15</sup> is -OR<sup>16</sup>, cyano, –SCF<sub>3</sub>, Ph<sup>2</sup>, Ar<sup>2</sup>, quinolinyl, isoquinolinyl, cinnolinyl, quinazolinyl, phthalimido, benzothiophenyl optionally substituted at the 2-position with phenyl or benzyl, benzothiazolyl optionally substituted with phenyl or benzyl, 2-oxo-dihydroindol-1-yl optionally substituted at the 3 position with gem dimethyl or (C<sub>1</sub>-C<sub>6</sub>)alkyl optionally further substituted with 1 to 6 fluoro substituents, 2-oxo-dihydroindol-5-yl optionally substituted at the 3 position with gem dimethyl or (C<sub>1</sub>-C<sub>6</sub>)alkyl optionally further substituted with 1 to 6 fluoro substituents, 2-oxo-imidazolidin-1-yl optionally substituted at the 3 position with gem dimethyl or (C<sub>1</sub>-C<sub>6</sub>)alkyl optionally further substituted with 1 to 6 fluoro substituents, 2-oxo-tetrahydropyrimidinyl optionally substituted at the 3 or 4 position with gem dimethyl or (C<sub>1</sub>-C<sub>6</sub>)alkyl optionally further substituted with 1 to 6 fluoro substituents, 2-oxo-tetrahydroquinolin-1-yl optionally substituted at the 3 position with gem dimethyl or (C<sub>1</sub>-C<sub>6</sub>)alkyl optionally further substituted with 1 to 6 fluoro substituents, 2-oxo-tetrahydroquinolin-1-yl optionally substituted at the 3 position with gem dimethyl or (C<sub>1</sub>-C<sub>6</sub>)alkyl optionally further substituted with 1 to 6 fluoro substituents,

2-oxo- dihydrobenzimidazol-1-yl optionally substituted at the 3 position with gem dimethyl or  $(C_1-C_6)$ alkyl optionally further substituted with 1 to 6 fluoro substituents,  $-NR^{17}R^{18}$ ,  $-C(O)R^{22}$ , or a saturated heterocyle selected from the group consisting of pyrrolidinyl, piperidinyl, morpholinyl, and thiomorpholinyl, tetrahydrofuranyl, and tetrahydropyranyl,

wherein Ph<sup>2</sup> and Ar<sup>2</sup> when Ar<sup>2</sup> is pyridyl, may also optionally be substituted with phenyl-CH=CH- or phenyl-C≡C-,

said phenyl-CH=CH- and phenyl-C≡C- being optionally further substituted on the phenyl moiety with 1 to 3 substituents independently selected from the group consisting of halo, cyano, -SCF<sub>3</sub>, (C<sub>1</sub>-C<sub>6</sub>)alkyl optionally further substituted with 1 to 6 fluoro substituents, and (C<sub>1</sub>-C<sub>6</sub>)alkoxy optionally further substituted with 1 to 6 fluoro substituents, and

wherein  $Ar^2$  may alternatively, optionally be substituted with a substituent selected from the group consisting of  $(C_3-C_7)$ cycloalkyl- $(C_0-C_3)$ alkyl,  $Het^1$ - $(C_0-C_3)$ alkyl, pyridyl- $(C_0-C_3)$ alkyl, and phenyl- $(C_0-C_3)$ alkyl, and optionally further substituted with one methyl,  $-CF_3$ , cyano, or  $-SCF_3$  substituent, or with 1 to 2 halo substituents.

said pyridyl-(C<sub>0</sub>-C<sub>3</sub>)alkyl and phenyl-(C<sub>0</sub>-C<sub>3</sub>)alkyl optionally being further substituted with 1-3 substituents independently selected from halo, -CH<sub>3</sub>, -OCH<sub>3</sub>, -CF<sub>3</sub>, -OCF<sub>3</sub>, -CN, and -SCF<sub>3</sub>, and

wherein when  $Ar^2$  is pyridyl, the pyridyl may alternatively, optionally be substituted with  $R^{28}R^{29}N$ -C(O)-, or (C<sub>1</sub>-C<sub>6</sub>)alkyl-C(O)- optionally substituted with 1 to 6 fluoro substituents, and may be optionally further substituted with one methyl,

-CF<sub>3</sub>, cyano, or -SCF<sub>3</sub> substituent, or with 1 to 2 halo substituents, and wherein when  $Ar^2$  is thiazolyl, the thiazolyl may alternatively, optionally be substituted with  $(C_3-C_7)$ cycloalkyl- $(C_0-C_3)$ alkyl-NH-, and

wherein the pyrrolidinyl, piperidinyl, morpholinyl, and thiomorpholinyl is substituted with oxo- on a carbon atom adjacent to the ring nitrogen atom, or is N-substituted with a substituent selected from the group consisting of

 $(C_1-C_6) alkyl carbonyl, (C_1-C_6) alkyl sulfonyl, (C_3-C_7) cycloalkyl (C_0-C_3) alkyl-C(O)-, (C_3-C_7) cycloalkyl (C_0-C_3) alkyl-S(O)_2-, Ph^1-(C_0-C_3) alkyl-C(O)-, and Ph^1-(C_0-C_3) alkyl-S(O)_2-, and$ 

may optionally be further substituted with 1 or 2 methyl or -CF<sub>3</sub> substituents, and when oxo-substituted, may optionally be further N-substituted with a substituent selected from the group consisting of

 $(C_1-C_6)$ alkyl optionally further substituted with 1 to 6 fluoro substituents,  $(C_3-C_7)$ cycloalkyl $(C_0-C_3)$ alkyl, and  $Ph^1-(C_0-C_3)$ alkyl, and

wherein tetrahydrofuranyl and tetrahydropyranyl may optionally be substituted with an oxo substituent, and/or with one or two groups independently selected from methyl and –CF<sub>3</sub>;

- L is branched or unbranched  $(C_1\text{-}C_6)$ alkylene, except when  $R^{15}$  is -NR<sup>17</sup>R<sup>18</sup> or Ar<sup>2</sup>-N-linked to L, in which case L is branched or unbranched  $(C_2\text{-}C_6)$ alkylene, and when L is methylene or ethylene, L may optionally be substituted with gem-ethano or with 1 to 2 fluoro substituents, and when  $R^{15}$  is  $Ph^2$ ,  $Ar^2$ , or a saturated heterocycle, L may alternatively, optionally be substituted with a substituent selected from the group consisting of hydroxy, cyano, -SCF<sub>3</sub>,  $(C_1\text{-}C_6)$ alkoxy optionally further substituted with 1 to 6 fluoro substituents,  $(C_1\text{-}C_6)$ alkoxycarbonyl optionally further substituted with 1 to 6 fluoro substituents,  $(C_1\text{-}C_6)$ alkylcarbonyloxy optionally further substituted with 1 to 6 fluoro substituents,  $(C_3\text{-}C_7)$ cycloalkyl- $(C_0\text{-}C_3)$ alkyl-O-,  $(C_3\text{-}C_7)$ cycloalkyl- $(C_0\text{-}C_3)$ alkyl-O-C(O)-, and  $(C_3\text{-}C_7)$ cycloalkyl- $(C_0\text{-}C_3)$ alkyl-C(O)-O-;
- $R^{16}$  is hydrogen,  $(C_1-C_6)$ alkyl optionally substituted with 1 to 6 fluoro substituents,  $(C_1-C_6)$ alkylcarbonyl,  $(C_3-C_7)$ cycloalkyl $(C_0-C_3)$ alkyl,  $(C_3-C_7)$ cycloalkyl $(C_0-C_3)$ alkyl- $(C_0-C_3)$ alkyl, or  $Ar^2-(C_0-C_3)$ alkyl, or  $Ar^2-(C_0-C_3)$ alkyl- $(C_0-C_3)$ alkyl- $(C_0-C_3)$
- $R^{17} \text{ is } (C_1\text{-}C_4) \text{alkyl optionally substituted with 1 to 6 fluoro substituents}, \textit{t-butylsulfonyl}, \\ (C_3\text{-}C_7) \text{cycloalkyl} (C_0\text{-}C_3) \text{alkyl-C(O)-, } (C_3\text{-}C_7) \text{cycloalkyl} (C_0\text{-}C_3) \text{alkyl-sulfonyl}, Ph^1\text{-}(C_0\text{-}C_3) \text{alkyl-C(O)-, } Ph^1\text{-}(C_0\text{-}C_3) \text{alkylsulfonyl}, Ar^2\text{-}(C_0\text{-}C_3) \text{alkyl-C(O)-, } Ar^2\text{-}(C_0\text{-}C_3) \text{alkylsulfonyl}, R^{19}OC(O)\text{-, or } R^{20}R^{21}NC(O)\text{-;} \\ R^{20}R^{21}NC(O)\text{-, or } R^{20}R^{21}NC(O)\text{-;} \\ R^{20}R^{21}R^{21}NC(O)\text{-;} \\ R^{20}R^{21}R$
- R<sup>18</sup> is hydrogen or (C<sub>1</sub>-C<sub>4</sub>)alkyl optionally substituted with 1 to 6 fluoro substituents, or R<sup>17</sup> and R<sup>18</sup>, taken together with the nitrogen atom to which they are attached form Het<sup>1</sup> where Het<sup>1</sup> is substituted with oxo- on a carbon atom adjacent to the ring nitrogen atom, or R<sup>17</sup> and R<sup>18</sup>, taken together with the nitrogen atom to which they are attached, form an aromatic heterocycle selected from the group consisting of pyrolyl, pyrazolyl, imidazolyl, 1,2,3-triazolyl, and 1,2,4-triazolyl,

said aromatic heterocycle optionally being substituted with 1 to 2 halo substituents, or substituted with 1 to 2 (C<sub>1</sub>-C<sub>4</sub>)alkyl substituents optionally further substituted with

- 1 to 3 fluoro substituents, or mono-substituted with fluoro, nitro, cyano,  $-SCF_3$ , or  $(C_1-C_4)$ alkoxy optionally further substituted with 1 to 3 fluoro substituents, and optionally further substituted with a  $(C_1-C_4)$ alkyl substituent optionally further substituted with 1 to 3 fluoro substituents;
- $R^{19}$  is  $(C_1-C_6)$ alkyl optionally substituted with 1 to 6 fluoro substituents,  $(C_3-C_7)$ cycloalkyl- $(C_0-C_3)$ alkyl,  $Ar^2-(C_0-C_3)$ alkyl, or  $Ph^1-(C_0-C_3)$ alkyl,
- $R^{20}$  is  $(C_1-C_6)$ alkyl optionally substituted with 1 to 6 fluoro substituents,  $(C_3-C_7)$ cycloalkyl- $(C_0-C_3)$ alkyl,  $Ar^2-(C_0-C_3)$ alkyl, or  $Ph^1-(C_0-C_3)$ alkyl,
- $R^{21}$  is hydrogen or  $(C_1-C_4)$ alkyl optionally substituted with 1 to 6 fluoro substituents, or  $R^{20}$  and  $R^{21}$ , taken together with the nitrogen atom to which they are attached, form  $Het^1$ ;
- $R^{22}$  is  $(C_1-C_6)$ alkyl optionally substituted with 1 to 6 fluoro substituents,  $(C_3-C_7)$ cycloalkyl- $(C_0-C_3)$ alkyl,  $R^{23}$ -O-,  $Ph^1$ - $(C_0-C_3)$ alkyl,  $Ar^2$ - $(C_0-C_3)$ alkyl, or  $R^{32}R^{33}N$ -;
- $R^{23}$  is  $(C_1-C_6)$ alkyl optionally substituted with 1 to 6 fluoro substituents,  $(C_3-C_7)$ cycloalkyl- $(C_0-C_3)$ alkyl,  $Ph^1-(C_0-C_3)$ alkyl, or  $Ar^2-(C_0-C_3)$ alkyl;
- $R^{24} \text{ is } (C_1\text{-}C_6) \text{alkoxy} (C_2\text{-}C_5) \text{alkyl optionally substituted with 1 to 6 fluoro substituents,} \\ (C_1\text{-}C_6) \text{alkylthio} (C_2\text{-}C_5) \text{alkyl optionally substituted with 1 to 6 fluoro substituents,} \\ (C_3\text{-}C_7) \text{cycloalkyl} (C_0\text{-}C_1) \text{alkyl-O-} (C_1\text{-}C_5) \text{alkyl,} (C_3\text{-}C_7) \text{cycloalkyl} (C_0\text{-}C_1) \text{alkyl-S-} (C_1\text{-}C_5) \text{alkyl,} \\ \text{phenyl} (C_1\text{-}C_3) \text{ $n$-alkyl, Ph}^2\text{-}(C_1\text{-}C_3)\text{-}n\text{-alkyl, Ar}^2(C_0\text{-}C_3) \text{ $n$-alkyl, phenyl} (C_0\text{-}C_1) \text{alkyl-O-} \\ (C_1\text{-}C_5) \text{alkyl, phenyl} (C_0\text{-}C_1) \text{alkyl-S-} (C_1\text{-}C_5) \text{alkyl, Ph}^1\text{-}(C_0\text{-}C_1) \text{alkyl-C}(O) \text{NH-} (C_2\text{-}C_4) \text{alkyl,} \\ \text{Ph}^1\text{-}(C_0\text{-}C_1) \text{alkyl-NH-C}(O) \text{NH-} (C_2\text{-}C_4) \text{alkyl, pyridyl-} (C_0\text{-}C_1) \text{alkyl-C}(O) \text{NH-} (C_2\text{-}C_4) \text{alkyl,} \\ \text{pyridyl-} (C_0\text{-}C_1) \text{alkyl-NH-C}(O) \text{NH-} (C_2\text{-}C_4) \text{alkyl, or Ar}^3 (C_1\text{-}C_2) \text{alkyl,} \\ \text{pyridyl-} (C_0\text{-}C_1) \text{alkyl-NH-C}(O) \text{NH-} (C_2\text{-}C_4) \text{alkyl, or Ar}^3 (C_1\text{-}C_2) \text{alkyl,} \\ \text{pyridyl-} (C_0\text{-}C_1) \text{alkyl-NH-C}(O) \text{NH-} (C_2\text{-}C_4) \text{alkyl, or Ar}^3 (C_1\text{-}C_2) \text{alkyl,} \\ \text{pyridyl-} (C_0\text{-}C_1) \text{alkyl-NH-C}(O) \text{NH-} (C_2\text{-}C_4) \text{alkyl, or Ar}^3 (C_1\text{-}C_2) \text{alkyl,} \\ \text{pyridyl-} (C_0\text{-}C_1) \text{alkyl-NH-C}(O) \text{NH-} (C_2\text{-}C_4) \text{alkyl, or Ar}^3 (C_1\text{-}C_2) \text{alkyl,} \\ \text{pyridyl-} (C_0\text{-}C_1) \text{alkyl-NH-C}(O) \text{NH-} (C_2\text{-}C_4) \text{alkyl, or Ar}^3 (C_1\text{-}C_2) \text{alkyl,} \\ \text{pyridyl-} (C_0\text{-}C_1) \text{alkyl-NH-C}(O) \text{NH-} (C_2\text{-}C_4) \text{alkyl, or Ar}^3 (C_1\text{-}C_2) \text{alkyl,} \\ \text{pyridyl-} (C_0\text{-}C_1) \text{alkyl-NH-C}(O) \text{NH-} (C_2\text{-}C_4) \text{a$ 
  - where Ar<sup>3</sup> is a bi-cyclic moiety selected from a group consisting of indanyl, indolyl, dihydrobenzofuranyl, benzofuranyl, benzothiophenyl, benzoxazolyl, benzothiazolyl, benzo[1,3]dioxolyl, naphthyl, dihydrobenzopyranyl, quinolinyl, isoquinolinyl, and benzo[1,2,3]thiadiazolyl,
    - said  $Ar^3$  optionally being substituted with  $(C_1\text{-}C_6)$ alkyl optionally further substituted with 1 to 6 fluoro substituents, phenyl $(C_0\text{-}C_1)$ alkyl optionally further substituted with 1 to 6 fluoro substituents, or substituted with  $(C_3\text{-}C_7)$ cycloalkyl $(C_0\text{-}C_3)$ alkyl, or substituted with 1-3 substituents independently selected from the group consisting of halo, oxo, methyl, and -CF<sub>3</sub>,
    - said phenyl( $C_1$ - $C_3$ ) n-alkyl,  $Ph^2$ -( $C_1$ - $C_3$ ) n-alkyl, or  $Ar^2(C_0$ - $C_3$ ) n-alkyl optionally being substituted on the n-alkyl moiety when present with ( $C_1$ - $C_3$ )alkyl, dimethyl, gem-ethano, 1 to 2 fluoro substituents, or ( $C_1$ - $C_6$ )alkyl-C(O)-,

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said Ar^2(C_0-C_3) n-alkyl being alternatively optionally substituted with a substituent
                   selected from the group consisting of (C_3-C_7) cycloalkyl-(C_0-C_3) alkyl,
                   \text{Het}^1-(C<sub>0</sub>-C<sub>3</sub>)alkyl, pyridyl-(C<sub>0</sub>-C<sub>3</sub>)alkyl, phenyl-(C<sub>0</sub>-C<sub>3</sub>)alkyl, pyridyl-
                   (C_0-C_3)alkyl-NH-, phenyl-(C_0-C_3)alkyl-NH-, (C_1-C_6)alkyl-S-, and
                   (C_3-C_7)cycloalkyl-(C_0-C_3)alkyl-S-, and optionally further substituted with one
                   methyl, -CF<sub>3</sub>, cyano, or -SCF<sub>3</sub> substituent, or with 1 to 2 halo substituents,
                       said pyridyl-(C<sub>0</sub>-C<sub>3</sub>)alkyl and phenyl-(C<sub>0</sub>-C<sub>3</sub>)alkyl optionally being further
                            substituted with 1-3 substituents independently selected from halo, -CH<sub>3</sub>,
                            -OCH<sub>3</sub>, -CF<sub>3</sub>, -OCF<sub>3</sub>, -CN, and -SCF<sub>3</sub>, and
              said Ph<sup>2</sup>-(C<sub>1</sub>-C<sub>3</sub>) n-alkyl and Ar<sup>2</sup>(C<sub>0</sub>-C<sub>3</sub>) n-alkyl where Ar<sup>2</sup> is pyridyl, also optionally
                   being substituted on the phenyl or Ar<sup>2</sup> moiety, respectively, with phenyl-CH=CH-
                   or phenyl-C≡C-,
                       said phenyl-CH=CH- or phenyl-C=C- being optionally further substituted with
                             1 to 3 substituents independently selected from the group consisting of
                            halo, cyano, -SCF<sub>3</sub>, (C<sub>1</sub>-C<sub>6</sub>)alkyl optionally further substituted with 1 to 6
                            fluoro substituents, and (C<sub>1</sub>-C<sub>6</sub>)alkoxy optionally further substituted with 1
                            to 6 fluoro substituents, and
              said Ar^2(C_0-C_3) n-alkyl where Ar^2 is pyridyl, alternatively, optionally being substituted
                   with (C<sub>1</sub>-C<sub>6</sub>)alkvl-C(O)- or R<sup>28</sup>R<sup>29</sup>N-C(O)-, and optionally further substituted with
                   one methyl, -CF<sub>3</sub>, cyano, or -SCF<sub>3</sub> substituent, or with 1 to 2 halo substituents,
              said phenyl(C_0-C_1)alkyl-O-(C_1-C_5)alkyl, or phenyl(C_0-C_1)alkyl-S-(C_1-C_5)alkyl
                   optionally being substituted on the phenyl moiety with (C_1-C_2)-S(O)_2, or with 1 to
                   5 independently selected halo substituents, or with 1 to 3 substituents
                   independently selected from the group consisting of halo, cyano, -SCF<sub>3</sub>,
                   (C<sub>1</sub>-C<sub>6</sub>)alkyl optionally further substituted with 1 to 6 fluoro substituents, and
                   (C_1-C_6)alkoxy optionally further substituted with 1 to 6 fluoro substituents, and
              said pyridyl-(C<sub>0</sub>-C<sub>1</sub>)alkyl-C(O)NH-(C<sub>2</sub>-C<sub>4</sub>)alkyl and
                   pyridyl-(C<sub>0</sub>-C<sub>1</sub>)alkyl-NH-C(O)NH-(C<sub>2</sub>-C<sub>4</sub>)alkyl optionally being substituted on the
                   pyridyl moiety with methyl, -CF<sub>3</sub>, or 1 to 3 halo substituents;
R<sup>25</sup> is hydrogen, (C<sub>1</sub>-C<sub>3</sub>)alkyl optionally substituted with 1 to 6 fluoro substituents, or allyl;
R<sup>26</sup> is hydrogen, (C<sub>1</sub>-C<sub>4</sub>)alkyl optionally substituted with 1 to 6 fluoro substituents,
    (C_3-C_7)cycloalkyl(C_0-C_3)alkyl, Ph^1-(C_0-C_3)alkyl, or Het^2-(C_0-C_3)alkyl;
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- $R^{27}$  is hydrogen or  $(C_1-C_4)$ alkyl optionally substituted with 1 to 6 fluoro substituents, or  $R^{26}$  and  $R^{27}$ , taken together with the nitrogen atom to which they are attached, form Het<sup>1</sup>;
- $R^{28}$  is  $(C_1-C_6)$ alkyl optionally substituted with 1 to 6 fluoro substituents,  $(C_3-C_7)$ cycloalkyl- $(C_0-C_3)$ alkyl, tetrahydropyran-3-yl $(C_0-C_3)$ alkyl, tetrahydropyran-4-yl $(C_0-C_3)$ alkyl, tetrahydrofuranyl $(C_0-C_3)$ alkyl,  $Ph^1-(C_0-C_2)$  n-alkyl, or  $Ar^2-(C_0-C_2)$  n-alkyl, said  $Ph^1-(C_0-C_2)$  n-alkyl and  $Ar^2-(C_0-C_2)$  n-alkyl optionally being substituted on the alkyl moiety when present with  $(C_1-C_3)$ alkyl, dimethyl, or gem-ethano;
- $R^{29}$  is hydrogen or  $(C_1-C_3)$ alkyl;
- $R^{30}$  is hydrogen,  $(C_1-C_6)$ alkyl optionally substituted with 1 to 6 fluoro substituents,  $(C_3-C_7)$ cycloalkyl $(C_0-C_3)$ alkyl,  $Ph^1-(C_0-C_3)$ alkyl, or  $Ar^2(C_0-C_3)$ alkyl,
- R<sup>31</sup> is hydrogen or (C<sub>1</sub>-C<sub>6</sub>)alkyl optionally substituted with 1 to 6 fluoro substituents, or R<sup>30</sup> and R<sup>31</sup>, taken together with the nitrogen atom to which they are attached, form Het<sup>1</sup>, said Het<sup>1</sup> also optionally being substituted with phenyl optionally further substituted with 1 to 3 halo substituents;
- $R^{32}$  and  $R^{33}$  are each independently hydrogen or  $(C_1-C_6)$ alkyl optionally substituted with 1 to 6 fluoro substituents, or  $R^{32}$  and  $R^{33}$ , taken together with the nitrogen atom to which they are attached, form Het<sup>1</sup>, or  $R^{32}$  is  $Ph^1(C_0-C_1)$ alkyl provided that  $R^{33}$  is hydrogen;
- Ar<sup>1</sup> is an aromatic heterocycle substituent selected from the group consisting of furanyl, thiophenyl, thiazolyl, oxazolyl, isoxazolyl, pyridyl, and pyridazinyl, any of which may optionally be substituted with 1 to 3 substituents independently selected from the group consisting of halo, (C<sub>1</sub>-C<sub>3</sub>)alkyl, (C<sub>1</sub>-C<sub>3</sub>)alkoxy, -CF<sub>3</sub>, -O-CF<sub>3</sub>, nitro, cyano, and trifluoromethylthio;
- Ar² is an aromatic heterocycle substituent selected from the group consisting of pyrrolyl, pyrazolyl, imidazolyl, 1,2,3-triazolyl, 1,2,4-triazolyl, furanyl, oxazolyl, isoxazolyl, 1,2,3-oxadiazolyl, 1,2,4-oxadiazolyl, 1,3,4-oxadiazolyl, thiophenyl, thiazolyl, isothiazolyl, 1,2,3-thiadiazolyl, 1,3,4-thiadiazolyl, pyridyl, pyridazinyl, and benzimidazolyl, any of which may optionally be substituted with 1 to 3 substituents independently selected from the group consisting of halo, cyano, –SCF<sub>3</sub>, (C<sub>1</sub>-C<sub>6</sub>)alkyl optionally further substituted with 1 to 6 fluoro substituents, and (C<sub>1</sub>-C<sub>6</sub>)alkoxy optionally further substituted with 1 to 6 fluoro substituents, and wherein pyridyl and pyridazinyl may also optionally be substituted with (C<sub>1</sub>-C<sub>6</sub>)alkylamino optionally further substituted with 1 to 6 fluoro substituents, (C<sub>3</sub>-C<sub>7</sub>)cycloalkyl(C<sub>0</sub>-C<sub>3</sub>)alkyl, or (C<sub>3</sub>-C<sub>7</sub>)cycloalkyl(C<sub>0</sub>-C<sub>3</sub>)alkyl-amino;

- Het<sup>1</sup> is a saturated, nitrogen-containing heterocycle substituent selected from the group consisting of azetidinyl, pyrrolidinyl, piperidinyl, homopiperidinyl, morpholinyl, thiomorpholinyl, homomorpholinyl, and homothiomorpholinyl, any of which may optionally be substituted with  $(C_1-C_6)$  alkyl or with 2 methyl substituents;
- Het<sup>2</sup> is a saturated, oxygen-containing heterocycle substituent selected from the group consisting of tetrahydrofuranyl, tetrahydropyranyl, and oxepinyl, any of which may optionally be substituted with (C<sub>1</sub>-C<sub>6</sub>)alkyl or with 2 methyl substituents;
- Ph<sup>1</sup> is phenyl optionally substituted with 1 to 5 independently selected halo substituents, or with 1 to 3 substituents independently selected from the group consisting of halo, cyano, -SCF<sub>3</sub>, (C<sub>1</sub>-C<sub>6</sub>)alkyl optionally further substituted with 1 to 6 fluoro substituents, and (C<sub>1</sub>-C<sub>6</sub>)alkoxy optionally further substituted with 1 to 6 fluoro substituents;

Ph<sup>2</sup> is phenyl substituted with:

- a) 1 to 5 independently selected halo substituents; or
- b) 1 to 3 substituents independently selected from the group consisting of halo, cyano, –SCF<sub>3</sub>, nitro, hydroxy, (C<sub>1</sub>-C<sub>6</sub>)alkyl optionally further substituted with 1 to 6 fluoro substituents, and (C<sub>1</sub>-C<sub>6</sub>)alkoxy optionally further substituted with 1 to 6 fluoro substituents; or
- c) 0, 1, or 2 substituents independently selected from the group consisting of halo, cyano, -SCF<sub>3</sub>, methyl, -CF<sub>3</sub>, methoxy, -OCF<sub>3</sub>, nitro, and hydroxy, together with one substituent selected from the group consisting of
  - i)  $(C_1-C_{10})$ alkyl optionally further substituted with 1 to 6 fluoro substituents or mono-substituted with hydroxy,  $(C_1-C_6)$ alkoxy,  $(C_1-C_6)$ alkyl-C(O)-,  $(C_1-C_6)$ alkyl-S(O)-,  $(C_3-C_7)$ cycloalkyl $(C_0-C_3)$ alkyloxy,  $(C_3-C_7)$ cycloalkyl $(C_0-C_3)$ alkyl-S(O)-,  $(C_3-C_7)$ cycloalkyl $(C_0-C_3)$ alkyl-S(O)<sub>2</sub>-,  $(C_3-C_7)$ cycloalkyl-S(O)<sub>2</sub>-,  $(C_3-C_7)$ cycloalkyl-S(O)-,  $(C_3-C_7)$ cycloalk
  - ii)  $C_1$ - $C_{10}$ )alkoxy- $(C_0$ - $C_3$ )alkyl optionally further substituted with 1 to 6 fluoro substituents, and optionally further substituted with hydroxy,
  - iii) (C<sub>1</sub>-C<sub>6</sub>)alkyl-C(O)-(C<sub>0</sub>-C<sub>3</sub>)alkyl optionally further substituted with 1 to 6 fluoro substituents,
  - iv) carboxy,
  - v) (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl optionally further substituted with 1 to 6 fluoro substituents,

- vi) (C<sub>1</sub>-C<sub>6</sub>)alkyl-C(O)-(C<sub>0</sub>-C<sub>3</sub>)-O- optionally further substituted with 1 to 6 fluoro substituents,
- vii) (C<sub>1</sub>-C<sub>6</sub>)alkylthio-(C<sub>0</sub>-C<sub>3</sub>)alkyl optionally further substituted with 1 to 6 fluoro substituents,
- viii) (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl-(C<sub>0</sub>-C<sub>3</sub>)alkyl optionally further substituted with 1 to 6 fluoro substituents,
- ix) (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl-(C<sub>0</sub>-C<sub>3</sub>)alkyl optionally further substituted with 1 to 6 fluoro substituents,
- x)  $(C_1-C_6)$ alkylsulfonyl- $(C_0-C_1)$ alkyl-O- optionally further substituted with 1 to 6 fluoro substituents,
- xi) (C<sub>3</sub>-C<sub>7</sub>)cycloalkyl(C<sub>0</sub>-C<sub>3</sub>)alkyl, optionally further substituted on the cycloalkyl with 1 to 4 substituents selected from methyl and fluoro,
- xii) (C<sub>3</sub>-C<sub>7</sub>)cycloalkyl(C<sub>0</sub>-C<sub>3</sub>)alkyl-O-, optionally further substituted on the cycloalkyl with 1 to 4 substituents selected from methyl and fluoro,
- xiii)  $(C_3-C_7)$ cycloalkyl $(C_0-C_3)$ alkyl-C(O)-,
- xiv)  $(C_3-C_7)$ cycloalkyl $(C_0-C_3)$ alkyl-O-C(O)-,
- xv)  $(C_3-C_7)$ cycloalkyl $(C_0-C_3)$ alkyl-S- $(C_0-C_3)$ alkyl,
- xvi)  $(C_3-C_7)$ cycloalkyl $(C_0-C_3)$ alkyl $-S(O)-(C_0-C_3)$ alkyl,
- xvii)  $(C_3-C_7)$ cycloalkyl $(C_0-C_3)$ alkyl $-S(O)_2-(C_0-C_3)$ alkyl,
- xviii) Ph¹-(C₀-C₃)alkyl, optionally substituted on the alkyl moiety with 1 to 2 fluoro substituents,
- xix) Ph¹-(C<sub>0</sub>-C<sub>3</sub>)alkyl-O-, optionally substituted on the alkyl moiety with 1 to 2 fluoro substituents
- $Ph^1-(C_0-C_3)alkyl-C(O)-$
- xxi)  $Ph^1$ - $(C_0$ - $C_3)$ alkyl-O-C(O)-,
- xxii)  $Ph^1$ -(C<sub>0</sub>-C<sub>3</sub>)alkyl-C(O)-(C<sub>0</sub>-C<sub>3</sub>)alkyl-O-,
- xxiii)  $Ph^1$ -( $C_0$ - $C_3$ )alkylthio,
- xxiv) Ph¹-(C<sub>0</sub>-C<sub>3</sub>)alkylsulfinyl,
- xxv)  $Ph^1$ - $(C_0$ - $C_3$ )alkylsulfonyl,
- xxvi)  $Ar^2(C_0-C_3)$ alkyl,
- xxvii) Ar<sup>2</sup>(C<sub>0</sub>-C<sub>3</sub>)alkyl-O-
- xxviii) Ar<sup>2</sup>-(C<sub>0</sub>-C<sub>3</sub>)alkyl-S-,
- xxix)  $Ar^2(C_0-C_3)alkyl-C(O)-,$

$$Ar^2(C_0-C_3)$$
alkyl- $C(S)$ -,

xxxi) 
$$Ar^2$$
-( $C_0$ - $C_3$ )alkylsulfinyl,

xxxii) 
$$Ar^2$$
-( $C_0$ - $C_3$ )alkylsulfonyl,

xxxvi) 
$$\text{Het}^2$$
-(C<sub>0</sub>-C<sub>3</sub>)alkyl,

$$R^{26}R^{27}N_{-}$$

xli) 
$$R^{28}R^{29}-N-(C_1-C_3)alkoxy$$
,

xlii) 
$$R^{28}R^{29}N-C(O)-,$$

xliii) 
$$R^{28}R^{29}N-C(O)-(C_1-C_3)alkyl-O-,$$

xliv) 
$$R^{28}R^{29}N-C(S)-$$
,

$$R^{30}R^{31}N-S(O)_{2}$$

or a pharmaceutically acceptable salt thereof, subject to the following provisos:

- a) no more than two of R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, and R<sup>5</sup> may be other than hydrogen;
- b) when R<sup>2</sup> is methyl, then R<sup>1</sup>, R<sup>3</sup>, R<sup>4</sup>, and R<sup>5</sup> are each hydrogen;
- c) when  $R^3$  is methyl, then  $R^2$  and  $R^4$  are each hydrogen;
- d) when R<sup>3</sup> is methyl, R<sup>7</sup> and R<sup>8</sup> are each OH, and R<sup>1</sup>, R<sup>2</sup>, R<sup>4</sup>, R<sup>5</sup>, and R<sup>9</sup> are
- each hydrogen, then R<sup>6</sup> is other than cyclohexylthio, furanylthio, or
- phenylthio; and
- e) When R<sup>12</sup> is Ar<sup>2</sup> (C<sub>1</sub>-C<sub>3</sub>)alkyl, then R<sup>7</sup> is other than hydrogen or R<sup>9</sup> is other

than chloro.

- 2. (Original) A compound according to Claim 1 wherein  $R^7$  is selected from halo, -CN, and  $CF_3$ .
- 3. (Currently Amended) A compound according to either Claim 1 or Claim 2 wherein  $R^7$  is chloro.

- 4. (Currently Amended) A compound according to any one of Claims 1 to 3 Claim 1 wherein  $R^6$  is  $-C \equiv C R^{10}$ .
- 5. (Currently Amended) A compound according to any one of Claims 1 to 3 Claim 1 wherein R<sup>6</sup> is -O-R<sup>12</sup>.
- 6. (Currently Amended) A compound according to any one of Claims 1 to 3 Claim 1 wherein R<sup>6</sup> is -S-R<sup>14</sup>.
  - 7. (Original) A compound according to Claim 6 wherein R<sup>6</sup> is -S-L-R<sup>15</sup>.
  - 8. (Original) A compound according to Claim 7 wherein R<sup>15</sup> is Ph<sup>2</sup> or Ar<sup>2</sup>.
- 9. (Currently Amended) A compound according to any one of Claims 1 to 3 Claim 1 wherein  $R^6$  is  $-NR^{24}R^{25}$ .
  - 10. (Original) A compound according to Claim 9 wherein R<sup>24</sup> is Ph<sup>2</sup>-(C<sub>1</sub>-C<sub>3</sub>) *n*-alkyl-.
  - 11. (Original) A compound according to Claim 9 wherein R<sup>24</sup> is Ar<sup>2</sup>-(C<sub>1</sub>-C<sub>3</sub>) *n*-alkyl-.
- 12. (Currently Amended) A compound according to any one of Claims 9 to 11 Claim 9 wherein  $R^{24}$  is  $Ph^2-(C_1-C_3)$  *n*-alkyl- or  $Ar^2-(C_1-C_3)$  *n*-alkyl-, and  $R^{25}$  is hydrogen.
  - 13. (Cancelled)
  - 14. (Cancelled)
- 15. (Currently Amended) A compound according to any one of Claims 1 to 14 Claim  $\underline{1}$  wherein  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$ , and  $R^8$ , are each hydrogen.

16. (Currently Amended) A pharmaceutical composition comprising a compound according to any one of Claims 1 to 15 Claim 1 as an active ingredient in association with a pharmaceutically acceptable carrier, diluent or excipient.

## 17. (Cancelled)

- 18. (Original) A method for the treatment of obesity in mammals, comprising administering to a mammal in need of such treatment an effective amount of a compound according to Claim 1.
  - 19. (Original) The method of Claim 18, where the mammal is human.
- 20. (Original) A method for the treatment of obsessive compulsive disorder in mammals, comprising administering to a mammal in need of such treatment an effective amount of a compound according to Claim 1.
  - 21. (Original) The method of Claim 20, where the mammal is human.
- 22. (Original) A method for the treatment of depression in mammals, comprising administering to a mammal in need of such treatment an effective amount of a compound according to Claim 1.
  - 23. (Original) The method of Claim 22, where the mammal is human.
- 24. (Original) A method for the treatment of anxiety in mammals, comprising administering to a mammal in need of such treatment an effective amount of a compound according to Claim 1.
  - 25. (Original) The method of Claim 24, where the mammal is human.
  - 26. 37 (Cancelled)